

Material Safety Data Sheet

Product: **TILE & GROUT CLEANER**

Manufacturer:

AQUA MIX INC.

9419 ANN STREET
SANTA FE SPRINGS, CA 90670



Information Phone: 800-366-6877

24-HR. CHEMICAL EMERGENCIES

SPILL, LEAK, and FIRE EXPOSURES
CHEMTREC: 800-424-9300

SECTION I - PRODUCT IDENTITY

Trade Name: TILE & GROUT CLEANER

DOT Information:

UN Number: None
Classification: Not Regulated
Proper Shipping Name: Not Applicable
Packaging Group: Not Applicable

Hazard Rating:

FIRE - 0 REACTIVITY - 0 TOXICITY - 0
4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant

** These values obtained using the guidelines from the National Fire Protection Association or the National Paint and Coating Association.

SECTION II - HAZARDOUS INGREDIENTS

No known hazardous ingredients under 29 CFR
1910.1200

SECTION III - PHYSICAL & CHEMICAL DATA

Boiling Point: 212°F/100°C
Vapor Pressure (mm Hg): 30mm
Specific Gravity: (H₂O=1): 1.02
Vapor Density: Not Applicable
Melting Point: Not Applicable
Solubility in water: Complete
Evaporation Rate (Butyl Acetate=1): <1
Appearance and odor: Clear, green liquid, pleasantly
scented
pH: 7

SECTION IV - FIRE & EXPLOSION DATA

Flash Point: None Open/Closed: Not Applicable
Flammable Limits: LEL: Not Applicable
UEL: Not Applicable
Fire extinguishing materials: Use appropriate agent
for surrounding materials.
Special fire fighting procedures: None
Unusual fire and explosion hazards: None

SECTION V - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): None
Hazardous Decomposition (including combustion
products): None
Hazardous polymerization: Will not occur.

SECTION VI - HEALTH HAZARDS DATA

ROUTES OF EXPOSURE & EFFECTS

Skin: Prolonged or repeated contact may cause
dryness.
Eye: Contact may cause tearing or burning.
Ingestion: Ingestion may cause nausea and/or diarrhea,
some discomfort of the digestive tract.

ACUTE & CHRONIC OVER EXPOSURE EFFECTS

Acute: None
Chronic: Unnecessary exposure to any chemical should
be avoided.
Medical Conditions Generally Aggravated by Exposure:
None Known.

TOXICITY DATA No components listed as
carcinogenic with: OSHA, NTP, IARC

EMERGENCY & FIRST AID PROCEDURES:

EYES: Immediately flush eyes with water. If
irritation persists, seek medical attention.
SKIN: Flush with water.
INHALED: Relocate to fresh air.
INGESTION: Do not induce vomiting. Drink 1 to 2
glasses of water. If symptoms persist, seek
medical attention.

Abbreviations (if used):

OSHA Occupational Safety and Health Administration
NTP National Toxicology Program
IARC Int'l Agency for Research on Cancer Monographs

SECTION VII - PERSONAL PROTECTION

Ventilation and exhaust: No special requirements.

Respiratory protection (Specify Type): Not required.

Eye Protection: Wear safety glasses.

Gloves: For prolonged or repeated use, wear rubber or nitrile gloves.

Other Clothing or Equipment: None

Work/Hygienic Practices: Normal safe work practices should be exercised when using this product.

SECTION VIII - SAFE HANDLING & USE

Storage and Handling: Store in cool, dry location.

Spills or leaks: Spilled material may be very slippery.

Soak up with compatible absorbent material (sand, clay litter, diatomaceous earth).

Waste Disposal Method: Dispose in accordance with all applicable federal, state, and local regulations.

SECTION IX - OTHER INFORMATION

Disclaimer: The above information is believed to be correct as of the date hereof, but is not warranted to be since the information contained herein may be applied under conditions beyond our control and under conditions with which we may be unfamiliar. Since data made available subsequent to the date hereof may suggest modification of the information, recipients are advised to determine in advance the suitability of the material for their precise purposes and on the condition that they assume the risk of use thereof.

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TILE & GROUT CLEANER

DESCRIPTION:

- Super-concentrated, multi-purpose neutral cleaner

FEATURES:

- Safe, effective neutral cleaner; contains no soap or harsh alkalies
- Biodegradable, phosphate free
- Super-concentrated, economical to use
- Will not harm existing sealers, floor finishes or waxes
- Pleasant spearmint scent to alleviate pet, smoking and cooking odors
- Equally effective in hard or soft, hot or cold water
- Inhibits bacterial growth
- Regular use eliminates build-up of soap scum, hard water deposits, and algae
- Non-acidic, safe for everyday use in all areas

TESTING:

- Independent laboratory tests confirmed:
 - Soil removal effectiveness
 - Bacterial resistance
- Test results available upon request

USES:

- Specifically formulated for routine cleaning of all types of ceramic tile and masonry surfaces including glazed and unglazed ceramic tile, porcelain tile, quarry tile, sealed terra cotta and adobe tile, natural stone, and grout
- Use in solution with water on virtually any water-safe surface; including resilient tile, all types of masonry surfaces, sealed or painted wood surfaces, fabric, carpet, and upholstery
- Use on interior and exterior installations

COVERAGE:

- When diluted, one gallon (3.78L) yields up to 128 gallons of cleaning solution which will clean approximately 5000 sq. ft. to 20,000 sq. ft. (465m² to 1858m²)
- Varies depending on dilution and amount of grease and soil present

METHOD OF APPLICATION:

- Sweep or vacuum surface to remove loose debris
- Mix 1 to 4 ounces per gallon of water. For polished natural stone surfaces, 1 ounce of TILE & GROUT CLEANER per gallon of water is usually sufficient.
- Apply solution to area to be cleaned
- Agitate with mop or soft-bristle brush
- Mop or wipe up dirty solution
- Change cleaning solution at least every 500 sq. ft. (46m²) or as needed
- Rinse thoroughly with clean water
- Rinse with mild solution of 1 ounce of TILE & GROUT CLEANER per gallon of clean water to remove all soil and mineral residue (optional)

LIMITATIONS:

- ALWAYS TEST A SMALL AREA first to determine ease of application and desired results
- Not for use on humans or animals as degreasing agents in TILE & GROUT CLEANER will remove natural protective oils from skin
- If used for prolonged periods, wear rubber gloves

CURE TIME:

- Ready for surface traffic in 30 minutes
- Allow at least 1 hour drying time before applying AQUA MIX floor finishes

HANDLING AND STORAGE:

- Generally use in solution with water; may be used full-strength
- Store tightly-capped in original container to prevent evaporation
- Unused, stored product is freeze-thaw stable

★★★ FORMERLY MIRACLE CLEANER ★★★

AQUA MIX INC.

P.O. BOX 4127, SANTA FE SPRINGS, CA 90670
• Telephone 562-946-6877 • FAX 562-944-8873
Technical Assistance: 800-366-6877